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PTO/SB/08A (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete If Known

Application Number	09/580,018	RECEIVED
Filing Date	May 26, 2000	JUL 31 2003 TECH CENTER 1600/2000
First Named Inventor	Dale B. Schenk	
Art Unit	1647	
Examiner Name	Christopher J. Nichols	
Attorney Docket Number	15270J-004760US	

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
360	2003/0073655 A1	04-17-2003	Chain		
370	2003/0068325 A1	04-10-2003	Wang		
366	2002/0187157 A1	12-12-2002	Jensen et al.		
340	2002/0162129 A1	10-31-2002	Lannfelt		
365	2002/0133001 A1	09-19-2002	Gefter et al.		
362	2002/0094335 A1	07-18-2002	Chalifour et al.		
376	2002/0086847	07-04-2002	Chain		
342	2002/0009445 A1	01-24-2002	Du et al.		
345	2002/0077288 A1	06-21-2001	Frangione		
346	5,935,927	08-10-1999	Vitek et al.		
353	5,824,322	10-20-1998	Balasubramanian		
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373	5,721,130	02-24-1998	Seubert et al.		
356	5,622,701	04-22-1997	Berg		
358	5,583,112 B2	12-10-1996	Kensil et al.		

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Sheet 2 of 4

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FOREIGN PATENT DOCUMENTS

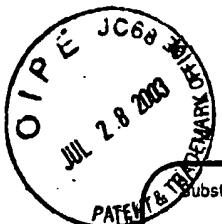
Examiner Initials ⁴	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³	Number ⁴	Kind Code ⁴ (If known)				
CD	352	WO	02/34777	A1	05-02-2002			
	351	WO	02/34878	A2	05-02-2002			
	343	EP	1 172 378	A1	01-16-2002			
	344	WO	01/90182	A2	11-29-2001			
	348	WO	01/77167	A2	10-18-2001			
CD	341	WO	02/03911	A2	04-07-2001			

Examiner Signature	<i>G. Nichols</i>	Date Considered	2/24/04
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Sheet

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Attorney Docket Number	15270J-004760US

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
CGW	372	AKIYAMA et al., "Occurrence of the Diffuse Amyloid β -Protein (A β) Deposits With Numerous A β -Containing Glial Cells in the Cerebral Cortex of Patients With Alzheimer's Disease," <u>Glia</u> , 25:324-331 (1999).
	363	DODART, "Immunotherapy for Alzheimer's disease: will vaccination work?" <u>Trends in Molecular Medicine</u> , 9(3):85-87 (2003).
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	374	JAKES et al., "Characterisation of an Antibody Relevant to the Neuropathology of Alzheimer Disease," <u>Alzheimer Disease and Associated Disorders</u> , 9(1):47-51, Raven Press, Ltd., New York (1995).
	371	JOHNSTONE et al., Nuclear and Cytoplasmic Localization of the β -Amyloid Peptide (1-43) in Transfected 293 Cells," <u>Biochemical and Biophysical Research Communications</u> , 220:710-718 (1996).
	347	JORBECK et al., "Artificial <u>Salmonella</u> Vaccines: <u>Salmonella typhimurium</u> O-antigen-Specific Oligosaccharide-Protein Conjugates Elicit Opsonizing Antibodies that Enhance Phagocytosis," <u>Infection and Immunity</u> , May:497-502 (1981).
	367	MONSONEGO et al., "Immune hyporesponsiveness to amyloid β -peptide in amyloid precursor protein transgenic mice: Implications for the pathogenesis and treatment of Alzheimer's disease," <u>PNAS</u> , 98(18):10273-10278 (2001).
	359	MUNCH et al., "Potential neurotoxic inflammatory response to A β vaccination in humans," (2002) <u>J. Neural Transm.</u> , 109:1081-1087.
	355	MUNSON ed., "Principals of Pharmacology: Basic Concepts & Clinical Applications," (1995), 47-48, Chapman & Hall, New York, New York.
	354	MUTSCHLER et al., "Drug Actions: Basic Principles and Therapeutic Aspects," (1995) 7, 11-12, <u>medpharm</u> Scientific Publishers, Stuttgart, Germany.
CGW	368	SIPE, "Amyloidosis," <u>Annu. Rev. Biochem.</u> , 61:947-975 (1992).
CGW	369	SPOONER et al., "The generation and characterization of potentially therapeutic A β antibodies in mice: differences according to strain and immunization protocol," <u>Vaccine</u> , 21:290-297 (2002).

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Attorney Docket Number	15270J-004760US

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	361	SU et al., "Intravascular infusions of soluble β -amyloid compromise the blood-brain barrier, activate CNS Glial cells and induce peripheral hemorrhage," <u>Brain Research</u> , 818:105-107 (1999).	
	375	TSUZUKI et al., "Amyloid β protein in rat soleus in chloroquine-induced myopathy using end-specific antibodies for $\text{A}\beta$ 40 and $\text{A}\beta$ 42: immunohistochemical evidence for amyloid β protein," <u>Neuroscience Letters</u> , 2002:77-80 (1995).	

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Filing Date	May 26, 2000
First Named Inventor	Schenk, Dale B.
Art Unit	1647
Examiner Name	Christopher Nichols

Attorney Docket Number

15270J-004760US

NON PATENT LITERATURE DOCUMENTS				
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CGN	349	CHECK, "Battle of the Mind," <u>Nature</u> , 422:370-372 (March 2003).		
CGN	350	Nicoll et al., "Neuropathology of human Alzheimer's disease after immunization with amyloid- β peptide: a case report," <u>Nature Medicine</u> , 9(4):448-452 (April 2003).		

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Filing Date	May 26, 2000
First Named Inventor	Schenk, Dale B., et. al.
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Examiner Name	Christopher J. Nichols

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U.S. PATENT DOCUMENTS

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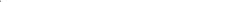
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NON PATENT LITERATURE DOCUMENTS

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CRW	391	AGUZZI et al., "Prion research: the next frontiers," <u>Nature</u> , 389:795-798 (1997).
	393	AKIYAMA et al., "Inflammation and Alzheimer's disease," <u>Neurobiology of Aging</u> , 21:383-421 (2000).
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	349	CHECK, "Battle of the Mind," <u>Nature</u> , 422:370-372 (March 2003).
	390	DIOMEDE et al., "Activation effects of a prion protein fragment [PrP-(106-126)] on human leucocytes," <u>Biochem. J.</u> , 320:53-570 (1996).
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	388	GOLDFARB et al., "The Transmissible Spongiform Encephalopathies," <u>Ann. Rev. Med.</u> , 46:57-65 (1995).
	397	GOLDSTEINS et al., "Goldsteins et al., Exposure of cryptic epitopes on transthyretin only in amyloid and in amyloidogenic mutants," <u>PNAS</u> , 96:3108-3113 (1999).
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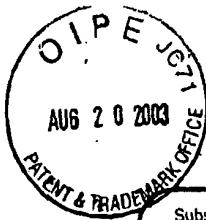
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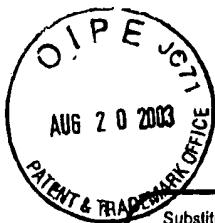
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	398	PALHA et al., "Antibody recognition of amyloidogenic transthyretin variants in serum of patients with familial amyloidotic polyneuropathy," <i>J. Mol. Med.</i> , 7:703-707 (2001).
	394	PRUSINER et al., "Ablation of the prion protein (PrP) gene in mice prevents scrapie and facilitates production of anti-PrP antibodies," <i>PNAS</i> , 90:10608-10612 (1993).
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Examiner Signature	<i>Christopher J. Nichols</i>	Date Considered	2/24/04
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First Named Inventor	Schenk, Dale B., et. al.
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004760US

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CSW	400	SIGURDSSON et al., "A safer vaccine for Alzheimer's disease?", <u>Neurobiology of Aging</u> , 23:1001-1008 (2002).	—
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	375	TSUZUKI et al., "Amyloid β protein in rat soleus in chloroquine-induced myopathy using end-specific antibodies for A β 40 and A β 42: immunohistochemical evidence for amyloid β protein," <u>Neuroscience Letters</u> , 2002:77-80 (1995).	—
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CSW	385	WISNIEWSKI et al., "Therapeutics in Alzheimer's and Prion Diseases," <u>Biochemical Society Transactions</u> , 30(4):-574-587 (2002).	—
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